



NOTES:

1. Backflow prevention assemblies for service connections 3/4" through 2" shall be Wilkins 975 XL2. Backflow prevention assemblies for 3" and 4" service connections shall be Wilkins 375. Backflow prevention assemblies must be certified by University of Southern California Foundation for Cross Connection Control and Hydraulic Research. Assemblies must be in compliance with NSF 61 pursuant to CA Assembly Bill 1953.
2. Prior to installation of any backflow prevention assembly PID must approve the location of the assembly including but not limited to clearance and accessibility requirements.
3. PID must inspect and approve assembly installation, including all piping from the meter valve to customer side connection prior to customer backfilling. Assembly shall only be installed in an alignment certified by the manufacturer.
4. Freeze protection and enclosures must be approved by PID and installed by the property owner.
5. No taps/connections are permitted on the utility side of the assembly. Assembly test cocks shall only be used for testing purpose by certified testers only. The customer shall not perform any action that would obstruct the proper operation of the relief valve.
6. Both risers, utility and customer sides, and all related fittings shall be metallic and mechanically joined at all connections. Union and/or strainers may be installed above grade on the utility side. Union and/or pressure reducing valves may be installed above grade on the customer side. All connections must be approved by PID.
7. Distance "X" shall be kept to a minimum. If "X" exceeds 12 inches the service line must have a metallic sleeve encompassing the pipe with minimal annular space allowing only enough room to properly install fittings and the connecting points.
8. Installation of a backflow prevention assembly creates a "closed" plumbing system increasing the risk of thermal expansion. Consult a licensed plumber to install preventive measures on your household plumbing system.
9. Any deviation from the above standard and requirements must be submitted, by the owner, in writing and approved by PID prior to installation. Failure to adhere to any or all of the requirements for backflow installations may result in interruption of water service.
10. Upon completion of assembly installation, and prior to receiving water service, the assembly installation must be approved by PID and the device must pass a functional test by a certified backflow prevention assembly tester. Test results for installation and repairs must be submitted to PID by the end of the following working day. Annual tests are required for all backflow prevention assemblies. More frequent testing may be required based on level of hazard on site.



**PARADISE IRRIGATION DISTRICT
STANDARD DRAWING**

PID-15
SHEET 1 OF 1

**RP INSTALLATION FOR DOMESTIC
CONNECTIONS UP TO 4"**

DRAWN: NE CHECKED: JL
DATE: _____
Updated January 2019
NO SCALE